File 344:Chinese Patents Abs Aug 1985-2002/Sep
(c) 2002 European Patent Office
File 347:JAPIO Oct 1976-2002/May(Updated 020903)
(c) 2002 JPO & JAPIO
File 350:Derwent WPIX 1963-2002/UD,UM &UP=200260
(c) 2002 Thomson Derwent

Set	Items	Description
S1	5	AU='BOND J D'
S2	0	AU='BOROCZ S'
S3	1	AU='GILLMAN A W'
S4	88	AU='HENDERSON K':AU='HENDERSON KENNETH D'
S5	0	S1 AND S3 AND S4
S6	0	S1 AND S3
S7	0	S3 AND S4

1/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013500092
WPI Acc No: 2000-672033/200065
Related WPI Acc No: 1997-270844
XRAM Acc No: C00-203515
Composition useful as a heat transfer or exchange medium comprises a photochromic molecule, an organic molecule and a solvent
Patent Assignee: BOND J D (BOND-I); SANGSTER B (SANG-I)
Inventor: **BOND J D** ; SANGSTER B
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6123868	A	20000926	US 95437430	A	19950505	200065 B
			US 96674183	A	19960701	
			US 98219540	A	19981222	

Priority Applications (No Type Date): US 98219540 A 19981222; US 95437430 A 19950505; US 96674183 A 19960701
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6123868	A		4	C09K-005/00	Div ex application US 95437430 CIP of application US 96674183 Div ex patent US 5626020

Abstract (Basic): US 6123868 A
NOVELTY - A heat exchange medium comprises a photochromic molecule (1), organic polymer and a solvent. (1) is at least 4 mol% based on the combination of (1) and the polymer and is chemically bonded to the polymer. (1) when stimulated by heat or light results in change in the molecular configuration that interact with solvent to absorb or release heat.
USE - As a heat transfer medium (claimed).
ADVANTAGE - The photochromic molecule can be stimulated by exposure of light of various wavelengths to provide varying levels of heat absorption by modification of molecular compositions.
pp; 4 DwgNo 0/1
Title Terms: COMPOSITION; USEFUL; HEAT; TRANSFER; EXCHANGE; MEDIUM; COMPRISE; PHOTOCHROMIC; MOLECULAR; ORGANIC; MOLECULAR; SOLVENT
Derwent Class: A89; G04
International Patent Class (Main): C09K-005/00
File Segment: CPI

1/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013130944 **Image available**
WPI Acc No: 2000-302815/200026
XRAM Acc No: C00-091711
XRPX Acc No: N00-226286
Container for use in an automated sterilization system comprises a container body having upstanding side walls, an open grid bottom, closures and handles
Patent Assignee: BOND J D (BOND-I); SANGSTER B (SANG-I)
Inventor: **BOND J D** ; SANGSTER B
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6051186	A	20000418	US 98114667	A	19980713	200026 B

Priority Applications (No Type Date): US 98114667 A 19980713

Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 6051186 A 10 A61L-002/08

Abstract (Basic): US 6051186 A
NOVELTY - A container for use in an automated sterilization system comprises a container body (5) having four upstanding side walls with a female groove (6) containing a sealing member within the groove around its upper and lower surface, an open grid bottom (3), two closures (top (1) and bottom (2)), and two handles (8).
DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method for sterilizing objects.
USE - The container is useful in an automated sterilization system.

ADVANTAGE - The open container assures direct and maximum exposure of the contained devices and objects to the sterilant. Following the sterilization cycle a complete desiccation of the devices and objects is assured using a blower system to evacuate the moisture from the open containers before closure of the containers.
DESCRIPTION OF DRAWING(S) - The figure shows a three dimensional view of the container.
Top closure (1)
Bottom closure (2)
Open grid bottom (3)
Hinge (4)
Container body (5)
Female groove (6)
Handles (8)
pp; 10 DwgNo 1/9
Title Terms: CONTAINER; AUTOMATIC; SYSTEM; COMPRISE; CONTAINER; BODY; UPSTANDING; SIDE; WALL; OPEN; GRID; BOTTOM; CLOSURE; HANDLE
Derwent Class: D22; P34
International Patent Class (Main): A61L-002/08
International Patent Class (Additional): A61L-002/18
File Segment: CPI; EngPI

1/5/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012933922 **Image available**
WPI Acc No: 2000-105769/200009
XRPX Acc No: N00-081247
Point of sale activation and deactivation system of prepaid telephone calling card
Patent Assignee: MCI WORLDCOM INC (MCIW-N)
Inventor: **BOND J D** ; HENDERSON K; MIR K; WU F
Number of Countries: 023 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9963744	A1	19991209	WO 99US12182	A	19990602	200009	B
EP 1103140	A1	20010530	EP 99942644	A	19990602	200131	
			WO 99US12182	A	19990602		
JP 2002517957	W	20020618	WO 99US12182	A	19990602	200242	
			JP 2000552838	A	19990602		

Priority Applications (No Type Date): US 9889815 A 19980603
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
WO 9963744 A1 E 196 H04M-017/00
Designated States (National): CA JP MX SG
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
EP 1103140 A1 E H04M-017/00 Based on patent WO 9963744

Designated States (Regional): BE CH CY DE FR GB IE IT LI NL SE
JP 2002517957 W 186 H04M-015/00 Based on patent WO 9963744

Abstract (Basic): WO 9963744 A1

NOVELTY - During point of sale (POS) transaction, a POS system transmits request related to prepaid calling card to a processing system via a public switched telephone network (102). The processing system in accordance with received request, performs transaction and transmits status response message to POS system to indicate that transaction is performed according to request transmitted by the POS system.

DETAILED DESCRIPTION - The request transmitted by the POS system includes either an activation message, or a deactivation message. The message is produced corresponding to the process performed by the processing system after which the prepaid calling card is either activated or deactivated. An INDEPENDENT CLAIM is also included for POS activation and deactivation method.

USE - In prepaid telephone calling card to activate and deactivate the cards.

ADVANTAGE - Retailers safely stocks varieties of prepaid telephone calling cards without realizing additional management burdens associated with prepaid telephone calling card stock security. Consumers benefit from prepaid telephone calling cards that is activated and deactivated at a point of sale.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of POS activation and deactivation system.

Public switched telephone network (102)

pp; 196 DwgNo 1/111

Title Terms: POINT; SALE; ACTIVATE; DEACTIVATE; SYSTEM; PREPAYMENT; TELEPHONE; CALL; CARD
Derwent Class: T05; W01
International Patent Class (Main): H04M-015/00; H04M-017/00
International Patent Class (Additional): H04M-015/00
File Segment: EPI

1/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

011879773 **Image available**
WPI Acc No: 1998-296683/199826
XRAM Acc No: C98-092355
XRPX Acc No: N98-232143

Sterilisation apparatus, especially for use on fragile medical equipment - using a sterilising fluid sprayed at the object, and an oscillating magnetic field to maintain the fluid in a free radical state for sterilising

Patent Assignee: BOND J D (BOND-I); SANGSTER B (SANG-I)
Inventor: **BOND J D** ; SANGSTER B
Number of Countries: 025 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5750072	A	19980512	US 95514697	A	19950814	199826	B
			US 97790754	A	19970127		
WO 9958163	A1	19991118	WO 98US9638	A	19980511	200002	N
AU 9873813	A	19991129	AU 9873813	A	19980511	200018	N
			WO 98US9638	A	19980511		

Priority Applications (No Type Date): US 97790754 A 19970127; US 95514697 A 19950814; WO 98US9638 A 19980511; AU 9873813 A 19980511
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5750072	A		7	A61L-002/02	CIP of application US 95514697
WO 9958163	A1	E		A61L-002/02	

Designated States (National): AU CA CN JP MX NZ
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
AU 9873813 A A61L-002/02 Based on patent WO 9958163

Abstract (Basic): US 5750072 A

A sterilisation and disinfection system uses a sterilising fluid on an object at atmospheric pressure. The fluid is pressurised (7) and delivered to a nozzle (9) which directs it towards the object. An amplifier (4) generates an electric signal which is modulated (5). A magnetic coil (3) receives the modulated signal and applies an oscillating magnetic field to the object. The magnetic field maintains the sterilising fluid in a free radical state for sterilising and disinfecting the object.

USE - The method sterilises objects such as fragile medical equipment, e.g. catheters, endoscopes and biopsy tools, or parts of the human body, e.g. hands.

ADVANTAGE - The sterilising effect of the agent, e.g. hydrogen peroxide, is enhanced by the maintenance of the molecules in a free radical state. Additionally, the oscillating magnetic field provides a synergistic effect by which the microorganisms open their molecular structure to become more vulnerable to the effect of the sterilising fluid. The method does not generate or utilise heat and can be used to sterilise any object that is non-magnetic.

Dwg.1/3

Title Terms: STERILE; APPARATUS; FRAGILE; MEDICAL; EQUIPMENT; STERILE; FLUID; SPRAY; OBJECT; OSCILLATING; MAGNETIC; FIELD; MAINTAIN; FLUID; FREE ; RADICAL; STATE; STERILE
Derwent Class: D22; P34; S05
International Patent Class (Main): A61L-002/02
International Patent Class (Additional): A61L-002/16; C12N-013/00
File Segment: CPI; EPI; EngPI

1/5/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011292939 **Image available**
WPI Acc No: 1997-270844/199724
Related WPI Acc No: 2000-672033
XRPX Acc No: N97-224501

Refrigeration system for air conditioning and refrigeration and process cooling - utilises molecular structural changes of photochromic compounds when they are exposed to various wavelengths of irradiation

Patent Assignee: BOND J D (BOND-I); SANGSTER B F (SANG-I)
Inventor: **BOND J D** ; SANGSTER B F
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5626020	A	19970506	US 95437430	A	19950505	199724	B

Priority Applications (No Type Date): US 95437430 A 19950505
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5626020	A		9	F25B-021/00	

Abstract (Basic): US 5626020 A

The system uses solar irradiation to activate the molecular structural changes. An alternate system of irradiation is may be utilised in geographic areas of low incidence of sunlight or during inclement or occluded times in any area. An integrated panel is provided for installation on the external face of buildings.

ADVANTAGE - Negates need for ducting internal to the building. This will significantly increase the efficiency of cooling due to the

removal of cooling loss in ducting and the proximity of the cooling system to the cooled space. System can be integrated into the walls or ceilings of buildings, thus removing the need for air flow ducting. Operating efficiency is increased over standard phase change refrigerant system, so saving energy.

Dwg.1/4

Title Terms: REFRIGERATE; SYSTEM; AIR; CONDITION; REFRIGERATE; PROCESS; COOLING; UTILISE; MOLECULAR; STRUCTURE; CHANGE; PHOTOCHROMIC; COMPOUND; EXPOSE; VARIOUS; WAVELENGTH; IRRADIATE

Derwent Class: Q75; X27

International Patent Class (Main): F25B-021/00

File Segment: EPI; EngPI

3/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012152006 **Image available**
WPI Acc No: 1998-568918/199848
XRPX Acc No: N98-442584

Pixel level movement controller for graphical display movements - has conectional mouse connected through additional circuit that has buttons allowing user to move cursor by single pixels

Patent Assignee: MERCER SCI INT CORP (MERC-N)
Inventor: **GILLMAN A W** ; GROSS G L

Number of Countries: 081 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9847064	A1	19981022	WO 98US7335	A	19980415	199848	B
AU 9871111	A	19981111	AU 9871111	A	19980415	199912	

Priority Applications (No Type Date): US 9854895 A 19980403; US 9743611 P 19970415
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9847064	A1	E	31	G06F-003/033	

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9871111	A		G06F-003/033	Based on patent WO 9847064

Abstract (Basic): WO 9847064 A

The system has a movement controller, e.g. mouse, that is connected via a supplemental circuit to an application that responds to mouse movements. This may be a graphical application or an automation system. The normal signals from the mouse are captured in a FIFO within the inline cursor box. In normal use, the mouse signals are simply passed through the box and onto the application being controlled.

The box has a number of buttons. Each of these represent movement of a cursor by a single pixel. The box circuit injects suitable signals to create this effect without altering normal mouse signals.

ADVANTAGE - Provides the user with the ability to have precise and definite control over cursor movement.

Dwg.1A/9

Title Terms: PIXEL; LEVEL; MOVEMENT; CONTROL; GRAPHICAL; DISPLAY; MOVEMENT; MOUSE; CONNECT; THROUGH; ADD; CIRCUIT; BUTTON; ALLOW; USER; MOVE; CURSOR; SINGLE; PIXEL
Derwent Class: T01; T04
International Patent Class (Main): G06F-003/033
File Segment: EPI

File 348:EUROPEAN PATENTS 1978-2002/Sep W03
(c) 2002 European Patent Office
File 349:PCT FULLTEXT 1983-2002/UB=20020912,UT=20020905
(c) 2002 WIPO/Univentio

Set	Items	Description
S1	2	AU='BOND JAMES DUKE'
S2	0	AU='BOROCZ STA?'
S3	0	AU='GILLMAN AN?'
S4	2	AU='HENDERSON KARL'
S5	2	S1 AND S4

5/5,K/1 **(Item 1 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS

01117046
POINT OF SALE ACTIVATION AND DEACTIVATION OF PRE-PAID TELEPHONE CALLING CARDS
VERKAUFSTELLENAKTIVIERUNG UND DATEN-DEAKTIVIERUNG VON VORAUSBEZAHLTEN TELEFONKARTEN
ACTIVATION ET DESACTIVATION SUR LE POINT DE VENTE DE CARTES TELEPHONIQUES PREPAYEES
PATENT ASSIGNEE:
MCI Worldcom, Inc., (2887490), 515 East Amite Street, Jackson, MI 39201, (US), (Applicant designated States: all)
INVENTOR:
BOND, James, Duke , 109 Ventura Court, Allen, TX 75013, (US)
HENDERSON, Karl , 515 Rosedale Street, Highland Village, TX 75067, (US)
MIR, Kamran, 7609 England Drive, Plano, TX 75025, (US)
WU, Frank, 3502 Oakleaf Lane, Richardson, TX 75082, (US
LEGAL REPRESENTATIVE:
Hofmann, Harald et al (157101), Sonnenberg Fortmann, Patent- und Rechtsanwalte, Herzopgspitalstrasse 10, 80331 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1103140 A1 010530 (Basic)
WO 9963744 991209
APPLICATION (CC, No, Date): EP 99942644 990602; WO 99US12182 990602
PRIORITY (CC, No, Date): US 89815 980603
DESIGNATED STATES: BE; CH; CY; DE; FR; GB; IE; IT; LI; NL; SE
INTERNATIONAL PATENT CLASS: H04M-017/00; H04M-015/00
NOTE:
No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):
Application: 010530 A1 Published application with search report
Application: 20000202 A1 International application. (Art. 158(1))
Examination: 010530 A1 Date of request for examination: 20001215
Application: 20000202 A1 International application entering European phase
LANGUAGE (Publication,Procedural,Application): English; English; English

INVENTOR:
BOND, James, Duke ...

...US)
HENDERSON, Karl ...

5/5,K/2 **(Item 1 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT

00532392 **Image available**
POINT OF SALE ACTIVATION AND DEACTIVATION OF PRE-PAID TELEPHONE CALLING CARDS
ACTIVATION ET DESACTIVATION SUR LE POINT DE VENTE DE CARTES TELEPHONIQUES PREPAYEES
Patent Applicant/Assignee:
MCI WORLDCOM INC,
Inventor(s):
BOND James Duke ,
HENDERSON Karl ,
MIR Kamran,
WU Frank
Patent and Priority Information (Country, Number, Date):
Patent: WO 9963744 A1 19991209
Application: WO 99US12182 19990602 (PCT/WO US9912182)
Priority Application: US 9889815 19980603

Designated States: CA JP MX SG AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Main International Patent Class: H04M-017/00
International Patent Class: H04M-015/00
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 16247

English Abstract

System (100) includes a PSTN (102), POS devices (credit card terminals, etc.) (104), additional POS (106) which are configured with dial up facilities, POS control system (105), switching control points (108), a customer service center (110), a service data point (112) (central data stores for card state and usage data), a WAN system (114), a ANI server (116), and a WAN access switch (118). During a point-of-sale transaction, the POS system transmits a request related to the pre-paid calling card via the communication network to the processing system. The processing system coupled to the service data point performs a transaction in accordance with the transaction request and transmits a status response message back to the point-of-sale system indicating whether the transaction was performed in accordance with the transaction request.

French Abstract

Systeme (100) comprenant un RTPC (102), des dispositifs point-de-vente (POS) (terminaux de cartes de credits, par exemple) (104), des points de vente supplementaires (106) possedant des installations de communication telephonique, un systeme de commande de point de vente (105), des points de commande de commutation (108), un centre de services clients (110), un point de donnees de services (112) (des memoires de donnees centrales pour l'etat de la carte et des donnees d'utilisation), un systeme WAN (114), un serveur ANI (116) et un commutateur d'acces WAN (118). Pendant une transaction sur le point de vente, le systeme POS transmet une demande concernant la carte de communication prepayee par l'intermediaire du reseau de communication au systeme de traitement. Ce systeme de traitement couple au point de donnees de services execute une transaction en fonction de la demande de transaction et renvoie un message de reponse d'etat au systeme point-de-vente indiquant si la transaction a ete executee en conformite a la demande de transaction.

Inventor(s):
BOND James Duke ...

... **HENDERSON Karl**